

032301.213.seq.ST25.txt
SEQUENCE LISTING

<110> Farwick, Mike

<120> NUCLEOTIDE SEQUENCES CODING FOR THEpstC2 GENE

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<170> PatentIn version 3.1

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<212> DNA

<213> Corynebacterium glutamicum

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ngttgcaatt taagtgaatc gggcgccctc tccagcaat tgggggtagg ggcgccgatt	180
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	Met Ala Thr
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aat gag tca gtc tcg gag aag caa cgc ctg gat gca acc agg gtg cag	286
Asn Glu Ser Val Ser Glu Lys Gln Arg Leu Asp Ala Thr Arg Val Gln	
5 10 15	
gca cat cct gta gca gtc aat gcg aac tcc tct cag acc aag cct tca	334
Ala His Pro Val Ala Val Asn Ala Asn Ser Ser Gln Thr Lys Pro Ser	
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aag aag att gtc gcc gaa ggt ggc gga agc gtt aag cgt ccc ggc gat	382
Lys Lys Ile Val Ala Glu Gly Gly Gly Ser Val Lys Arg Pro Gly Asp	
40 45 50	
cgc atc ttc gaa gtc cta tcc acc gct tct gca gca atc att act gcg	430
Arg Ile Phe Glu Val Leu Ser Thr Ala Ser Ala Ala Ile Ile Thr Ala	
55 60 65	
ata atc atc gcc att gcg gcg ttc ctt atc tgg cgt gct gtt ccc gcc	478
Ile Ile Ile Ala Ile Ala Ala Phe Leu Ile Trp Arg Ala Val Pro Ala	
70 75 80	
ttg arg cga aat gct gaa ggt att ggc gga ttc ttc act tat tca ggc	526
Leu Met Arg Asn Ala Glu Gly Ile Gly Gly Phe Phe Thr Tyr Ser Gly	
85 90 95	
gct tgg aac acc aac gaa att gat gca atg tac ttc ggt att cca aac	574

Page 1

032301.213.seq.ST25.txt

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100 105 110 115	
ctg cta gct gca aca ctt ctc atc tct gtc atc gca ctg atc atc gcc	622
Leu Leu Ala Ala Thr Leu Leu Ile Ser Val Ile Ala Leu Ile Ile Ala	
120 125 130	
atg cag att gct ctt ggt att gag atc ttc ttg tcc aac tac tca cca	670
Met Pro Ile Ala Leu Gly Ile Ala Ile Phe Leu Ser Asn Tyr Ser Pro	
135 140 145	
aag cgc ctg gtt aag cca ctt ggc tac atg gtg gac atg ctg gct gct	718
Lys Arg Leu Val Lys Pro Leu Gly Tyr Met Val Asp Met Leu Ala Ala	
150 155 160	
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Val Pro Ser Ile Val Tyr Gly Leu Trp Gly Trp Gln Val Leu Gly Pro	
165 170 175	
gct ctg tcc ggt ttc tac acc tgg att gaa agc tgg ggc gga agc ttc	814
Ala Leu Ser Gly Phe Tyr Thr Trp Ile Glu Ser Trp Gly Gly Ser Phe	
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Phe Leu Phe Ala Thr Tyr Gln Asn Ser Pro Ser Phe Ala Thr Gly Arg	
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Asn Met Leu Thr Gly Gly Ile Val Leu Ala Val Met Ile Leu Pro Val	
215 220 225	
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Ile Ala Ala Thr Ala Arg Glu Val Phe Ile Gln Thr Pro Lys Gly His	
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Leu Thr Val Leu Pro Phe Gly Met Ser Gly Tyr Val Ser Gly Ala Met	
260 265 270 275	
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Leu Gly Leu Gly Arg Ala Leu Gly Glu Thr Met Ala Leu Tyr Met Val	
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Val Ser Pro Ser Ser Ala Phe Arg Phe Ser Leu Phe Asp Gly Gly Thr	
295 300 305	
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Thr Phe Ala Thr Ala Ile Ala Asn Ala Ala Pro Glu Phe Asn Asp Asn	
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032301.213.seq.ST25.txt

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 35 40 45

Pro Gly Asp Arg Ile Phe Glu Val Leu Ser Thr Ala Ser Ala Ala Ile
 50 55 60

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Val Pro Ala Leu Met Arg Asn Ala Glu Gly Ile Gly Gly Phe Phe Thr
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Tyr Ser Gly Ala Trp Asn Thr Thr Asp Ile Asp Ala Met Tyr Phe Gly
 100 105 110

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 115 120 125

Ile Ile Ala Met Pro Ile Ala Leu Gly Ile Ala Ile Phe Leu Ser Asn
 130 135 140

Tyr Ser Pro Lys Arg Leu Val Lys Pro Leu Gly Tyr Met Val Asp Met

Page 3

032301.213.seq.ST25.txt
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145

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160

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Gly Ser Phe Phe Leu Phe Ala Thr Tyr Gln Asn Ser Pro Ser Phe Ala
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Leu Pro Val Ile Ala Ala Thr Ala Arg Glu Val Phe Ile Gln Thr Pro
225 230 235 240

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Tyr Met Val Val Ser Pro Ser Ser Ala Phe Arg Phe Ser Leu Phe Asp
290 295 300

Gly Gly Thr Thr Phe Ala Thr Ala Ile Ala Asn Ala Ala Pro Glu Phe
305 310 315 320

Asn Asp Asn Thr Arg Ala Gly Ala Tyr Ile Ser Ala Gly Leu Val Leu
325 330 335

Phe Ala Leu Thr Phe Ile Val Asn Ala Gly Ala Arg Ala Met Val Asn
340 345 350

Arg Gly Lys
355